

REMARKS

The specification and drawing of the application have been objected to on a variety of bases which are discussed below in the order listed in the office action.

Informality Objections

The objection based on informalities are believed to have been overcome by the following: the missing part of page 9 has been corrected by the substitution of amended paragraph 0039. A portion of this paragraph was missing in the originally filed application due to a clerical error in which page 9 was improperly copied. That error was rectified in the corrected version of the parent PCT application WO 01/98056 A1. The amendment is not deemed to add new matter to the application since the amendment merely conform the specification to the drawings.

On page 8, line 10 the Examiner's suggestion to add the term --a-- has been adopted. On page 8, line 21, "core pin bore 14" has been changed to --core pin bore 6-- and the FIG. 1 has been modified accordingly. In the replacement drawings of the Appendix, the proposed additions to the drawings have been marked in red ink for ease of recognition by the Examiner. The Examiner's suggestion to modify page 10 line, 9 has been adopted by changing "head 59" to --head 59a-- with FIG. 12 being modified to correspond to that change. The Examiner's reference to "mounting plate 53" appears to be mistaken since that reference number only appears with reference to "mounting screw;" however, there are references to both "mounting plate 55" and "large rectangular plate 55." New paragraph 0039 has been amended to change "large rectangular plate 55" to --large, rectangular mounting plate 55.-- The Examiner's suggestion to change the "single aperture 84" on page 14, line 24 to --single aperture 86-- has been adopted to conform that reference with the drawings. In replacement FIG. 2, the aperture wall 47 was cut off in the original reproduction process and has also been extended. These changes conform to the drawings and specification to one another and are not believed to add new matter.

The following objections to informalities are respectfully traversed. The Examiner's reference to "shoulder bore 20" on page 9, line 20 is not understood since the last word of line 19 is "plug." Thus, the reference should be read as "plug shoulder bore 20."

37 CFR 1.84(p)(5) Objections Excluded References

The Examiner's suggestion to amend reference "43" spore in page 7, lines 13, and 17 has been adopted by changing the number to --43a-- and the FIGS. 1 and 2 have been amended to conform the drawings to the amended specification. The Examiner's suggestion with regard to "molded article 46" have been adopted by changing reference number "53" to --46-- in FIG. 1 and adding reference number --46-- to FIG. 2. The Examiner's suggestion to amend FIGS. 9 and 14 has been adopted in that reference number 37 has been added to FIG. 9 and that the reference line has been redirected to the appropriate portion of the sleeve in FIG. 14. Those drawings now conform to the specification. The suggestion to add reference number "13" has been adopted and reference number "27" has been changed to --13-- in FIG. 4 and has been added to FIG. 2. Also, new paragraph 41 has been amended to change an inconsistent use of "plug bore 27" which now reads --plug bore 13--. The Examiner's suggestion to add a reference number 20 has been adopted in FIG. 4. The Examiner's suggestion to add reference number 27 has been adopted with the number added to FIGS. 3 and 11.

The objection to the drawing for failure to include reference numbers 16, 21 and 55 are respectfully traversed. The reference 16, 21, and 55 are shown in FIGS. 11, 3 and 12, respectively. However, to further clarify the drawings, reference number 16 has also been added to FIG. 3 and reference number 21 has been added to FIG. 11. The changes made to the drawings set forth in this section have been made to conform the drawings to the specification. Accordingly, they are not believe to add new matter to the application.

37 CFR 1.84(p)(5) Objections Included References

The objection to the drawing for failure to comply with 37 C.F.R. 1.84(p)(5) have been corrected in the following manner: reference number "3b" has been changed to "3a" in FIG. 1. Reference numbers 19 and 25 are superfluous and have been deleted from FIGS. 1- 4 and 11, respectively. The reference line for number 47 in Figure 14 has been corrected to harmonize it with the line for reference number in FIG. 2 and the specification.

The reference number, 43c, has been added to the specification in new paragraph numbered [0039] as set forth above. These amendments are not deemed to add new matter to the application since they merely conform the specification to the drawings.

The objections with regard to reference numbers 8, 28, 37, 43, 47, 49, 53, 56, 59, 61, and 71 are respectfully traversed for the following reasons: the number "8" appears in paragraph 45,

line 9 in the '844 PGPub and refers to a "head cavity"; the number "28" appears in paragraph 36, line 10 in the '844 PGPub and refers to the depth of the plug bore, the number "37" appears in paragraph 34, line 1 and paragraph 42, line 7 and refers to the "hollow tube" portion of the sleeve; the number "43" appears in paragraph 42, line 3 and paragraph 45, line 5 and refers to the "press piece;" the number "47" appears in paragraph 33, line 4 and paragraph 45, line 14 and refers to aperture "wall;" the number "49" appears in paragraph 42, lines 5 and 9 and paragraph 43, line 1 and refers to "width dimension;" the number "53" appears in paragraph 40, line 2 and refers to aperture "mounting screw;" the number "56" appears in paragraph 45, lines 3 and 9 and refers to "exterior lip;" the number "59" appears in paragraph 40, lines 3, 4 and 5 and refers to "head;" the number "61" appears in paragraph 40, line 7 and refers to "head space;" and the number "71" appears in paragraph 42, line 6 and refers to "diameter dimension;"

In the Claims

The current status of the originally filed Claims 1-22 is that Claims 1-21 stand rejected, Claims 16-21 have been previously withdrawn, and Claim 22 has been allowed.

Claims 1, 4, 5, 6, and 21 have been amended in this office action. Claims 2, 8 and 11-15 have been canceled herein. New Claims 23-28 have been added.

Claims 1 and 6 have been rejected under 35 U.S.C., 112, for being indefinite due to the width of the lip "reading on zero." Both Claim 1 and 6 have been amended to define the lip as being between "between about thirty thousandths of an inch and about forty thousandths." It is believed that this amendment overcomes the indefiniteness rejections of those claims.

Claim 5 has been rejected for indefiniteness for lack an antecedent basis for "said coating." The Examiner's suggestion to amend Claim 5 to depend from Claim 4 has been adopted. Claim 5 is now believed to be definite.

Claim 21 was rejected for indefiniteness for including the word "the." The inclusion of that word in the preamble was a typographical error that is not believed to render the claim indefinite. However, the Examiner's suggestion to remove that word from Claim 21 has been adopted in order to correct the error and improve the clarity of the claim.

Claim 4 has been amended to add the word "of" to correct a typographical error and place the Markush group recited therein in proper form.

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Amdt. dated May 3, 2004
Reply to Office Action dated November 3, 2003

Applicant believes the claims are now in condition for allowance and respectfully requests the timely issuance of a Notice of Allowance. Also, included herewith is a petition for extension of time.

Respectfully submitted,

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